Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 27 Jan 2021 until 23:59 on Thursday 28 Jan 2021

Forecast Issued on Wednesday 27 Jan 2021 at 02:12

Confidence: Low for cloud details on Wednesday. High for wet conditions on Thursday, lower for snow in north at first. Dropping for detail on Friday and low for time of arrival of rain and snow on Sunday.

Headline for Wednesday 27 Jan 2021: Rather cloudy and damp, with low cloud and drizzle. Rain arriving by late-evening.

Mountain weather hazards on Wednesday 27 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG		MIST	
Fog	Fog	Fog	Cloudy	Mist	Drizzle
Precipitation probability					
30%	20%	20%	10%	10%	30%

Forecast for Wednesday 27 Jan 2021

Weather: It will remain overcast with hill fog and patchy drizzle overnight and into the morning. Daylight hours then mainly dry and cloud may lift and break at times, at least in shelter in the east of the park, but this is not certain. Then cloud will thicken to bring some heavy rain late evening.

Chance of cloud free mountain/hill tops above 600m: Little chance generally but there may be brief clearances in the afternoon.

Visibility: Occasionally good in the afternoon away from cloud. Moderate to poor in occasional drizzle, and in the rain late evening. Often widely very poor at height with extensive low cloud, bases down to 300-400m but more broken for a time in the afternoon though some may persist over the highest peaks.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 27 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 W	16/21 W	12/16 W	9/12 W	6/9 S	11/17 E	18/26 E
300	15/21 W	11/16 W	9/13 W	5/7 W	4/6 SE	6/13 E	14/24 E
Valley	9/20 W	7/15 W	6/11 W	3/6 W	4/7 E	8/16 E	11/22 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	4/-1	4/0	3/0	2/-1	2/-4
300	6/2	6/2	6/3	6/4	5/4	5/2	4/0
Valley	6/3	6/3	6/4	7/6	5/4	5/2	5/1
Freezing Level*	1200m	1100m	1100m	1100m	1100m	1100m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties will be the main hazard on Wednesday, with some improvements by afternoon likely but not guaranteed.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 27 Jan 2021	9.6mm	13.4mm	13.4mm

Forecast for Thursday 28 Jan 2021

Weather: Heavy and persistent rain arriving overnight. The rain turning readily to sleet and snow over higher ground, but not exclusively. Potential for some significant snowfall accumulations over higher ground (above 200 to 300m). Snow turning back to sleet, then rain by late-afternoon and evening, with extensive low cloud.
Low confidence for rain/snow boundary.

Maximum wind: Southeast 20 gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: Little chance with extensive cloud 300-400m.

Visibility: Poor in heavier rain, very poor in snow, especially during the morning. Occasionally good below the cloud in the afternoon.

Temperature: **Valleys:** Zero Celsius rising to Plus 3.
At 600m: Minus 1 Celsius rising to Plus 3 Celsius.
Freezing level: 300m rising above summits in afternoon.

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